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Page 9, line 9, delete "caluclations" and insert  
--calculations--; and  
line 16, delete "discriminatingnype" and  
insert --discriminating type--.

IN THE CLAIMS:

Please amend the claims as follows:

1. (Amended) A system for guiding a weapon onto a preferred aim point upon a target, the system comprising:  
target sensing means [which is operable] having a field of view for discriminating between signals received from within a first portion of [the] said field-of-view of [the sensor] said sensing means and signals received from within respective ones of two further portions of said field-of-view, the two further portions being at respective opposite sides of said first portion, [the system further comprising] said target sensing means including receiving means, responsive to reflected radiation from said target, having a movable look direction;

means for controlling said look direction of said receiver means by a pitch input and a yaw input, and  
guidance signal forming means for forming a weapon guidance signal which is dependent upon the relative values of [the] differences between the signals from said first portion and respective ones of the signals from the two further portions.

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2. (Amended) A system for forming a pitch guidance signal for a weapon travelling in an inclined direction down onto a target, the system comprising:

target [sensor] sensing means [which is operable to discriminate] having a field of view, for discriminating between signals received from within respective ones of first, second and third portions of the field-of-view of the [sensor] sensing means, said portions being displaced one from another along the direction crossing said field-of-view parallel to [the] a pitch plane of the weapon with the first portion between the second and third portions[,] said target sensing means including receiving means, responsive to reflected radiation from said target, having a movable look direction;

means for controlling said look direction of said receiver means by a pitch input and a yaw input, and [and said system further comprising]

means for combining said signals to form a pitch guidance signal which is dependent upon the relative values of the difference between the signals from the first and second portions and the difference between the signals from the first and third portions.

3. (Amended) A system for guiding a weapon travelling in an inclined direction down onto a target, the system comprising:

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target [sensor] sensing means[,] for providing a  
sensing means signal, said target sensing means including  
receiving means, responsive to reflected radiation from said  
target, having a movable look direction;

means for controlling said look direction of said  
receiver means by a pitch input and a yaw input;

means for determining the change in the [sensor]  
sensing means signal along a direction crossing the tar-  
get[,]; and

guidance signal forming means for guiding the weapon  
towards an aim point referenced to the position of maximum  
rate of said change.

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REMARKS

Claims 1 through 3 stand rejected in the outstanding  
Official Action. Claims 1 through 3 have been amended.  
Therefore, claims 1 through 3 are the only claims remaining  
in this application.

The acknowledgement of receipt of the certified copy of  
the priority document in the parent application and the  
claim for priority under 35 USC 119 is appreciated.

In Section 1 of the outstanding Official Action, it is  
requested that a proper security secrecy order be imposed in  
this case or action be taken to remove the classified  
markings. Applicant confirms that a secrecy order has been  
entered on March 23, 1990.

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